

<b>Notice of Allowability</b>	Application No.	Applicant(s)
	09/993,874	VIVIANI ET AL.
	Examiner Elizabeth Slobodyansky, PhD	Art Unit 1652

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to RCE request & amendment 15 November 2004.
2.  The allowed claim(s) is/are 1,7 and 8.
3.  The drawings filed on 17 September 2004 are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)  All    b)  Some\*    c)  None    of the:

1.  Certified copies of the priority documents have been received.
2.  Certified copies of the priority documents have been received in Application No. 09/388,290.
3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of
 Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

**DETAILED ACTION**

***Continued Examination Under 37 CFR 1.114***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on November 15, 2004 has been entered.

The amendment filed November 15, 2004 canceling claims 3, 6 and 9-11 and adding claims 12-14 has been entered.

Claims 1, 7, 8 and 12-14 are pending.

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

**DELETE Figures 1A-1C and 2A-2C.**

**IN THE SPECIFICATION:**

On page 3,

line 4,

replace "and" with --by--;

line 5,

replace "are shown in Figs.1 and 2" with --of SEQ ID NOs: 1 and 3--;

line 6,

insert "of SEQ ID NOs: 2 and 4, respectively—after "sequences".

On page 4,

delete lines 4-9 (description of Figs.1A-1C and Figs. 2A-2C);

line 10,

replace "3" with --1-- in "Fig. 3".

On page 8,

line 22,

replace "Figs. 1 and 2 (SEQ ID NOs: 1 and 3)" with --SEQ ID NO: 1 or SEQ ID NO: 3--.

**IN THE CLAIMS:**

Amend claim 1 as follows:

1. An isolated nucleic acid molecule encoding a green light emitting luciferase [which hybridizes under high stringency conditions to a nucleotide sequence] selected from the group consisting of:

a) a nucleic acid molecule comprising SEQ ID NO:1; and

b) a nucleic acid molecule that hybridizes to [the complement of]  
SEQ ID NO:1[, wherein said] under high stringency conditions [correspond to]  
comprising washing in [prewarmed (68°C)] a solution containing 0.1xSSC/0.1% SDS for  
15 min at 68°C; or  
a nucleic acid molecule that is 100% complementary to (a) or (b) [,  
wherein the encoded green light emitting luciferase emits green bioluminescence  
having a maximum  $\lambda$  of approximately 549 nm when expressed in E coli].

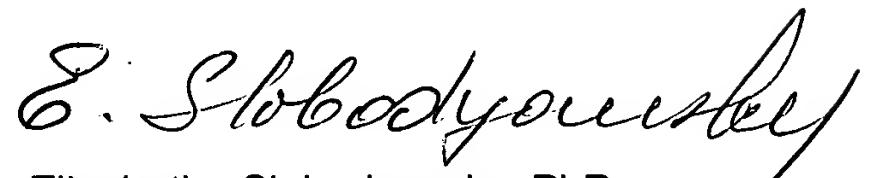
Cancel claims 12-14.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Katsuhiro Arai on February 10, 2005.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Elizabeth Slobodyansky, PhD whose telephone number is 571-272-0941. The examiner can normally be reached on M-F 10:00 - 6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ponnathapura Achutamurthy, PhD can be reached on 571-272-0928. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Elizabeth Slobodyansky, PhD  
Primary Examiner  
Art Unit 1652

February 10, 2005